

20010227.qrp v02_n111.qrl.20010227

Date: Tue, 27 Feb 2001 19:03:13 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2111

QRP-L Digest 2111

Topics covered in this issue include:

- 1) [92733] FS-Several items for sale to clean shack
by WA3JAT@aol.com
- 2) [92734] Re: 4Q2LID???
by "Robert P. Okas" <vintage@best.com>
- 3) [92735] Re: MS15
by "Jim Thiessen" <jthiessen@videotron.ca>
- 4) [92736] WTB: March, Schurr Paddles
by "Alan Fryer" <qrpdx@earthlink.net>
- 5) [92737] RE: BNC or RCA connectors for RG174?
by Nick Kennedy <nkennedy@tcainternet.com>
- 6) [92738] RE: want to buy tuna tin 2 kit...
by Nick Kennedy <nkennedy@tcainternet.com>
- 7) [92739] Fox:Is he there t'nite?
by "TC Dufresne" <tdufres@radiks.net>
- 8) [92740] FOX - N5IB on Feb 28 0200 UTC, Feb 27 2000 CST USA
by n5ib@juno.com
- 9) [92741] NC-20 kit for sale
by John Farler <jfarler@mis.net>
- 10) [92742] Unbuilt NorCal 20 Kit for sale.
by "Dan Trigilio" <danjt@cruzio.com>
- 11) [92743] Steve Webers addresses
by Mike Zabel <mikezabel@qwest.net>
- 12) [92744] Re: Wanted - Parts for EP-3
by Mike Pupeza <mpupeza@altavista.com>
- 13) [92745] Re: 1N295 Diode Replacement
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 14) [92746] Stupid diode question
by "TC Dufresne" <tdufres@radiks.net>
- 15) [92747] Re: [fpqrp] DX chasing
by N10DL@aol.com
- 16) [92748] Re: [fpqrp] DX chasing
by N10DL@aol.com
- 17) [92749] Re: [fpqrp] DX chasing
by "Jim Crooke" <crooke@prodigy.net>
- 18) [92750] Re: 1N295 Diode Replacement
by K5BDZ@aol.com
- 19) [92751] Re: [fpqrp] DX chasing

- by "Richard Matthews" <prm@hiwaay.net>
- 20) [92752] Tnx fer diode answer!-No text
by "TC Dufresne" <tdufres@radiks.net>
- 21) [92753] Re: Stupid diode question
by K5BDZ@aol.com
- 22) [92754] Re: Stupid diode question
by "Don Wilhelm" <w3fpr@arrl.net>
- 23) [92755] Re: [fpqrp] DX chasing
by Macstein@aol.com
- 24) [92756] Re: [fpqrp] DX chasing
by Tom Isgro <k8cz@concentric.net>
- 25) [92757] High winds and Quiet bands
by SKIPNC90@aol.com
- 26) [92758] QRP Most Used Parts
by Dan Reynolds <bcdlr@yahoo.com>
- 27) [92759] Re: QRP Most Used Parts
by "John P. Cummins, Sr." <jpcummins@charter.net>
- 28) [92760] Re: The Clandestine Ham
by Russ Dow <n7dw@pacbell.net>
- 29) [92761] Pixie
by Jim Ek <Jim-Ek@worldnet.att.net>
- 30) [92762] Fox: Cub Fox comments
by Ron D Doyle <n8var@juno.com>
- 31) [92763] Re: OT: QRP antenna traps...
by Patrick Armstrong <aa7fg@gte.net>
- 32) [92764] Re: FS-Several items for sale to clean shack
by WA3JAT@aol.com
- 33) [92765] W0CQC four band out of state
by "al dawkins" <alk0frp@home.com>
- 34) [92766] (OT)Information for Juno Users @ They're committing Fraud
by <baltimoremd@baltimoremd.com>
- 35) [92767] The Atlanticon Kit: PSK31 Beacon -- Introduction
by "George Heron N2APB" <n2apb@erols.com>
- 36) [92768] Email reply from 5A1A
by John AE5X <ae5x@juno.com>
- 37) [92769] Re: Stupid diode question
by "Leon Heller" <leon_heller@hotmail.com>
- 38) [92770] Re: Stupid diode question
by RangerSF5@aol.com
- 39) [92771] Re: [fpqrp] DX chasing
by "Brian" <bmurrey@amexol.net>
- 40) [92772] RE: 1N295 Diode Replacement
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
- 41) [92773] RE: BNC or RCA connectors for RG174?
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
- 42) [92774] RE: BNC or RCA connectors for RG174?
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
- 43) [92775] Re: Pixie

by "Matthew Collier/cis/evp/Okstate" <mwc@okstate.edu>
44) [92776] Kenwood TS850SAT and what filters to buy..
by Bryn Joynes <bryn@pcpractice.com>
45) [92777] Re: BNC or RCA connectors for RG174?
by Russ Dow <n7dw@pacbell.net>
46) [92778] Argonaut
by "Jim Crooke" <crooke@prodigy.net>
47) [92779] Re: QST on CD and Linux
by "laura halliday" <marsgal42@hotmail.com>
48) [92780] Re: OT: QRP antenna traps...
by Bill Coleman <aa4lr@arrl.net>
49) [92781] Re: Re Code suggestions
by Bill Coleman <aa4lr@arrl.net>
50) [92782] Re: OT: QRP antenna traps...
by Jeff <fantbb@yahoo.com>
51) [92783] Re: 4Q2LID???
by "Ron, KU7Y" <ku7y@qsl.net>
52) [92784] KPCB SOT-23
by <wd9eyb@butler.qrp.com>
53) [92785] Re: Suggestions on learning Morse code
by Bill Coleman <aa4lr@arrl.net>
54) [92786] Short / mobile 40 antenna
by "Tracy" <tracy@bytemark.com>
55) [92787] Re: Pixie
by fflynn@adelphia.net
56) [92788] IC-22U: Shamefully OT
by "Phinizy, William" <wphinizy@filenet.com>
57) [92789] SPECIAL QRPp BEACON on AGAIN
by Earl Murphy <earlmurf@telusplanet.net>
58) [92790] surgery: latest
by Bruce Rattray <rattray@gpfn.sk.ca>
59) [92791] Exam Software
by "Mugleston, Brad" <brad.mugleston@gwl.com>
60) [92792] RE: surgery: latest
by JOHN FISHER <ve7fdg@mad.scientist.com>
61) [92793] RF burns function of where you grabbed!
by "Stuart Rohre" <rohre@arlut.utexas.edu>
62) [92794] 1n295 can be replaced by 1n34 from Radio Shack, it is germanium
by "Stuart Rohre" <rohre@arlut.utexas.edu>
63) [92795] Wire Antenna Classics
by Pete Burbank <plburbank@kih.net>
64) [92796] Re: surgery: latest
by ed.kwik@delphiauto.com
65) [92797] Re: Ham radio Linux question
by ed.kwik@delphiauto.com
66) [92798] Re: RF burns function of where you grabbed!
by "Bill Acito" <w1pa@hotmail.com>
67) [92799] Bruce Rattray and the Nurse!!

by "Doug Hendricks" <ki6ds@dph.dpol.net>
68) [92800] Re: RF burns function of where you grabbed!
by "Jim Crooke" <crooke@prodigy.net>
69) [92801] Re: surgery: latest
by Dave Sjolin <sjolin@swbell.net>
70) [92802] Re: Short / mobile 40 antenna
by "ZOOM" <kandrparker@sympatico.ca>
71) [92803] Re: IC-22U: Shamefully OT
by "Paul R. Valko" <prvalko@oakland.edu>
72) [92804] Re: RF burns function of where you grabbed!
by Jeff <fantbb@yahoo.com>
73) [92805] Atlanticon Rooms
by "Ron Polityka" <wb3aal@fast.net>
74) [92806] Re: RF burns function of where you grabbed!
by Paul Dryer <psdryer@ticnet.com>
75) [92807] mfj 9020
by paul taylor <ptay1@bestweb.net>
76) [92808] FOX: Cub Fox Log February 26
by Ron D Doyle <n8var@juno.com>
77) [92809] TechAmerica
by Ken Brown <n4so@juno.com>

Date: Mon, 26 Feb 2001 19:05:31 EST
From: WA3JAT@aol.com
To: qrp-l@lehigh.edu
Subject: [92733] FS-Several items for sale to clean shack
Message-ID: <fb.1225d83c.27cc494b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have several items for sale to clear the shack, raise funds for Dayton and to make the XYL happy:

- 1) Kenwood IF-232C Computer/Radio Interface \$50.00 plus shipping
Mint condition
- 2) Lectrokit ATL QRP Tuner for longwire or inverted L antennas
includes MTL-160 for 160 Meter operation-New unbuilt kit
\$25.00 plus shipping
- 3) Epiphyte 3 New unbuilt kit for 75 Meter QRP
\$105.00 plus shipping
- 4) Radioworks Carolina Windom Beam Model CW-160
New in pkg-never used. You need at least a 100 foot

span to hang this antenna (which I did not have) but
this is a truly fine wire antenna-\$100.00 plus shipping.

- 5) SMC (British) CBM-72 5 Watt 10 Meter FM Transceiver
This is a unique QRP radio which was factory converted
by SMC and crystalled for all repeater and simplex
frequencies on 10 Meter FM. Includes manual and a
copy of the "10 Meter FM Handbook"

Please reply directly with any offers or inquiries for more info
on any items for sale.

P.S.: D68C is on 14.258 USB now & just worked him with
5 Watts USB on second call!

73,
Jim, WA3JAT

Date: Mon, 26 Feb 2001 16:07:20 -0800 (PST)
From: "Robert P. Okas" <vintage@best.com>
To: "Ron, KU7Y" <ku7y@qsl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [92734] Re: 4Q2LID???
Message-ID: <Pine.BSF.4.21.0102261602020.20903-1000000@shell14.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This reminds me of a pileup I once heard. Everybody was calling 5U4GB!

73,
Bob - W3CD

On Mon, 26 Feb 2001, Ron, KU7Y wrote:

> Hi Ade,
>
> That reminds me of the time I was in a pile up for a fellow signing 2X4STUD
> a few years ago.
>
> Some bootleggers have good imaginations!
>
> 73,
>
> cu1, Ron KU7Y

> Full time RVing somewhere in the West!
> (Currently near Quartzsite, AZ)
> A Proud AZScQRPion
> ***If guns cause crime then pencils cause misspelled words.***
>
>

Date: Mon, 26 Feb 2001 19:05:12 -0500
From: "Jim Thiessen" <jthiessen@videotron.ca>
To: <qrp-1@Lehigh.EDU>
Subject: [92735] Re: MS15
Message-ID: <000d01c0a050\$f999adc0\$fa52cb18@videotron.ca>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Yes I have one that works. I am going to put together an RIT circuit for it, then I will package it.

Here are some pictures that I put on the web yesterday:
<http://pages.infinit.net/va3kv/>

Jim
VA3KV
Rockland Ontario

Date: Mon, 26 Feb 2001 19:33:51 -0500
From: "Alan Fryer" <qrpdx@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [92736] WTB: March, Schurr Paddles
Message-ID: <00dd01c0a054\$f90f4b40\$27c4323f@hppav>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Looking for a good paddles, March, Schurr or equivalent. Please let me know what you have that is surplus to your needs.

Alan, N3BJ

Date: Mon, 26 Feb 2001 18:55:37 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'Karl.Kanalz@allegiancetelecom.com'" <Karl.Kanalz@allegiancetelecom.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92737] RE: BNC or RCA connectors for RG174?
Message-ID: <01C0A025.B59BE1E0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Collins used RCAs? If ida known that, I wouldn't have had to feel inferior with my HW-101. (Memory fades--but I'm pretty sure it had RCAs).

72--Nick, WA5BDU

-----Original Message-----

From: Kanalz, Karl [SMTP:Karl.Kanalz@allegiancetelecom.com]
Sent: Monday, February 26, 2001 1:25 PM
To: Low Power Amateur Radio Discussion
Subject: RE: BNC or RCA connectors for RG174?

Yep! The S-Line transmitter uses a ceramic RCA "Phono Socket".

No, the 30L-1 and 30S-1 linear amplifiers did NOT use them!

Karl K - W8TIF
McKinney, Texas

Date: Mon, 26 Feb 2001 18:57:50 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'mprati@postech.ca'" <mprati@postech.ca>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92738] RE: want to buy tuna tin 2 kit...
Message-ID: <01C0A026.049A5B00.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hope you find the kit. If you don't, the board is available from FAR

Circuits, cut to fit your Starkist can. And you could probably get all the parts from one source (such as Dan's), except maybe the crystal. (Try NORCAL for that.)

72--Nick, WA5BDU

-----Original Message-----

From: Maxime Prati [SMTP:mprati@postech.ca]
Sent: Monday, February 26, 2001 10:39 AM
To: Low Power Amateur Radio Discussion
Subject: want to buy tuna tin 2 kit...

I'm looking to buy a tuna tin 2 kit.
if you have one sleeping somewhere around the shack...
I'm ready to make it sing !!!

73 de VE2HAC
maxime

Date: Tue, 27 Feb 2001 01:07:02 -0000
From: "TC Dufresne" <tdufres@radiks.net>
To: <qrp-l@Lehigh.EDU>
Subject: [92739] Fox:Is he there t'nite?
Message-ID: <004101c0a059\$98966320\$0501a8c0@computer1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Title says it all....

Date: Mon, 26 Feb 2001 20:18:36 EST
From: n5ib@juno.com
To: qrp-l@Lehigh.edu
Subject: [92740] FOX - N5IB on Feb 28 0200 UTC, Feb 27 2000 CST USA
Message-ID: <20010226.191529.7575.0.n5ib@juno.com>

In just over 24 hours.....

N5IB will once again be the Mardis Gras Fox on Tuesday evening (USA time)

at 0200 Z on or near 7042.

Using the K-2 (#1233) and RIT both up and down. Please make short calls.

I'll respond:

<urcall> TU 559 LA JIM 5W <urcall> BK

if all is well then R TU and the pack can bay.

72

Jim N5IB

The Mardis Gras Fox

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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 27 Feb 2001 01:32:27 -0500

From: John Farler <jfarler@mis.net>

To: qrp-l <qrp-l@Lehigh.EDU>

Subject: [92741] NC-20 kit for sale

Message-ID: <3A9B49FB.1E918978@mis.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I have for sale an NorCal-20 kit
from the original
Norcal sale. It is approximately 1/3
built through the section dealing
with the AFA chip, and all sections before
this point checked out OK. VFO and audio
are working. It has no AFA readout. The
100 Khz Xtal has been replaced with the
current limiting resistor modification added.
I will include an extra 100 khz xtal, although
this does not appear to be the problem.

Actual wiring and component placement
to this point has been checked
and rechecked by myself and an experienced
technician. No misplaced or damaged components
are apparent, so the problem may be the afa chip
or another component.

The kit is complete, with the added \$10 ten turn

tuning potentiometer from the group buy installed.

I will mail in the US for \$105 to the earliest dated
reply I receive offlist, to my address below,
payable by check or MO.

John Farler, K4AVX
jfarler@mis.net

Date: Mon, 26 Feb 2001 17:47:30 -0800
From: "Dan Trigilio" <danjt@cruzio.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [92742] Unbuilt NorCal 20 Kit for sale.
Message-ID: <001001c0a05f\$42c7c6e0\$c18ae3a5@n1dtscomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a partially built NorCal 20 Transceiver for sale. The front and rear
panel are complete, so is the regulators/power supply section. The VFO is
half done. I have too many QRP rigs (K1, FT-817, HW-8, etc). Plus after
building a number of kits in the last year I am tired of melting solder and
ready to operate while there is some sunspots left.

If you can provide a good home for this rig contact me by e-mail direct for
details. Cost: \$85.00. Thanks.

danjt@cruzio.com
GL es 73, Dan W6DAN
Capitola, CA

Date: Mon, 26 Feb 2001 18:52:02 -0700
From: Mike Zabel <mikezabel@qwest.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, ke5tc@crosstel.net,
Mercxx@aol.com
Subject: [92743] Steve Webers addresses
Message-ID: <3A9B0842.6A1910B6@qwest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,
I had some requests to re-post Steves addresses.
He responded promptly and I will be shipping my RH-20 off

for repairs tomorrow, Nice Guy and quoted a fair price estimate.

Thanks again everyone!

The addresses:

kd1jv@moose.ncia.net

Steve's Electronics
633 Champlain St
Berlin, NH 03570

73, Mike Zabel - KC5U0J

Date: 26 Feb 2001 17:53:59 -0800
From: Mike Pupeza <mpupeza@altavista.com>
To: WA3JAT@aol.com
Cc: QRP-L@lehigh.edu
Subject: [92744] Re: Wanted - Parts for EP-3
Message-ID: <20010227015359.8036.cpmata@c012.sfo.cp.net>
Content-Type: text/plain
Content-Disposition: inline
Mime-Version: 1.0

Thanks Jim;
I'll probably kick myself later.
I've got the board, many parts, and hope to get the remainder - somehow!

Thanks anyway!

You'll get plenty of takers for a 'complete kit' - good luck!
Mike VE3EQP.....>

On Mon, 26 February 2001, WA3JAT@aol.com wrote:

>
> Mike: I am selling the complete Epiphyte 3 for \$105.00 plus shipping and just
> the posting for same to the QRP-L list along with several items.
> 73,
> Jim WA3JAT

Find the best deals on the web at AltaVista Shopping!
<http://www.shopping.altavista.com>

Date: Tue, 27 Feb 2001 01:57:42
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: res075cz@gte.net, qrp-1@Lehigh.EDU
Subject: [92745] Re: 1N295 Diode Replacement
Message-ID: <F119vb5YI9IJsaJbqJG000038f8@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

1N295 and 1N34 both cross reference to NTE109, so I would try some 1N34's
In the ECG xref they are a little different, with the 1N34 having a higher
voltage rating. Probably worth a trip to Radio Shack if you don't have
1N34's in stock!

73 - Mike WA8BXN

>The SWR bridge does not work because of two blown 1N295 diodes. Does anyone
>know a modern replacement for these diodes or should I go looking for the
>originals?
>

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Tue, 27 Feb 2001 02:06:21 -0000
From: "TC Dufresne" <tdufres@radiks.net>
To: <qrp-1@Lehigh.EDU>
Subject: [92746] Stupid diode question
Message-ID: <006901c0a061\$e8993340\$0501a8c0@computer1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks.. I ate to ask, but when a schematic says diode like --->|-- does
that mean mount with the band (negative) towards the right?
SRI, was perusing one of my rigs and wonder if I may have stumbled on the
answer to one of my many questions..
Tom

Date: Mon, 26 Feb 2001 21:06:30 EST

From: N10DL@aol.com
To: qrp-1@lehigh.edu
Subject: [92747] Re: [fpqrp] DX chasing
Message-ID: <e0.10e58135.27cc65a6@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

let me tell you about Mac, if he hears it, IT IS THERE....Mac and I do a lot of DXing together and he has helped me get lots of new DX. and I Him....He DOES hear some that I never hear and I know that he does and has gotten them. Mac is my HERO.

Keep listen and following Mac around the bands and your DX count will go WAY up in no time. I have come much closer to my DXCC with the help of Mr.Mac.(AF4PS)

Hang in there, it may be your antenna or just how you are listening to your rig. Mac gave me a great book on how to listen to and hunt for DX. If you want, I will make a copy and pass it along to you.

Good Luck and hope to hear you on the bands.

Aron

N10DL/qrp

Bedford, NH

Date: Mon, 26 Feb 2001 21:11:36 EST
From: N10DL@aol.com
To: qrp-1@lehigh.edu
Subject: [92748] Re: [fpqrp] DX chasing
Message-ID: <30.110597b6.27cc66d8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I can attest that he got the POPE, I was the one who found the SPOT for him, and also got him.....he was up in the General portion of the band.

Aron

N10DL

Still have not found the QSL route for him yet.

Date: Mon, 26 Feb 2001 20:31:52 -0600
From: "Jim Crooke" <crooke@prodigy.net>
To: <N10DL@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92749] Re: [fpqrp] DX chasing
Message-ID: <002701c0a065\$8b03d880\$efa69cd1@n9o0l8>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: <N10DL@aol.com>

> I can attest that he got the POPE, I was the one who found the SPOT for him,
> and also got him.....he was up in the General portion of the band.
> Aron
> N10DL
> Still have not found the QSL route for him yet.

Put it in the offering plate Sunday :-)

72, 73 es oo's Jim KJ0C
Healer of Brachycephalics and other good looking creatures in Springfield, MO
QRP-L #2100, SOC #37, FP #-108 semi-official Veterinarian of the Flying Pigs QRP, Zombie #777, Member of the Night Owls

Date: Mon, 26 Feb 2001 21:38:46 EST
From: K5BDZ@aol.com
To: res075cz@gte.net, qrp-l@lehigh.edu
Subject: [92750] Re: 1N295 Diode Replacement
Message-ID: <5d.7bba77f.27cc6d36@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Jim
You can go to the 1N270 higher voltage germanium diode or just the plain 1N34A germanium diode and get great QRP levels sensitivity. Have also used both up to 800 watts out with no problems.

Are you in south Texas or where?
Bill K5BDZ

Date: Tue, 27 Feb 2001 02:41:09 -0000
From: "Richard Matthews" <prm@hiwaay.net>
To: <N10DL@aol.com>, "q" <qrp-l@Lehigh.edu>
Subject: [92751] Re: [fpqrp] DX chasing

Message-ID: <002b01c0a066\$cbb94940\$6f85150c@scottsboro.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> N10DL/qrp
> Bedford, NH
.....

I'm not a DXer but I just worked an experimental station in Barcelona
EA3EOM on 20 meter PSK31 using 5 watts and an inverted vee on my FT-817 . .
.Is that a rare one since it is experimental?

73,

Richard WA4NWW

Date: Tue, 27 Feb 2001 02:43:12 -0000
From: "TC Dufresne" <tdufres@radiks.net>
To: <qrp-1@Lehigh.EDU>
Subject: [92752] Tnx fer diode answer!-No text
Message-ID: <008101c0a067\$07eca9c0\$0501a8c0@computer1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Date: Mon, 26 Feb 2001 21:43:50 EST
From: K5BDZ@aol.com
To: tdufres@radiks.net, qrp-1@lehigh.edu
Subject: [92753] Re: Stupid diode question
Message-ID: <91.76c43c2.27cc6e66@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 02/26/2001 8:07:49 PM Central Standard Time,
tdufres@radiks.net writes:

<< diode like --->|-- does
that mean mount with the band (negative) towards the right? >>
Every question we don't know the answer to is important! Good question...and
yes the band goes to the right. Sure makes it easier when part markings
(such as diodes) look like the schematic, including proper polarity.
Bill K5BDZ

Date: Mon, 26 Feb 2001 21:44:49 -0500
From: "Don Wilhelm" <w3fpr@arrl.net>
To: <tdufres@radiks.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [92754] Re: Stupid diode question
Message-ID: <008901c0a068\$22a426c0\$18113604@dbw11main>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tom and all,
I made an observation a long time ago that has always helped me with the
diode symbol - THE "KATHODE" END LOOKS LIKE A "K" (also the Anode end looks
like an "A" on its side). Now to remember that the banded end of the
physical device is the cathode - I can't help with that just have to
remember it.

73,
Don Wilhelm -Chapel Hill, NC W3FPR home page:
<http://www.w3fpr.webprovider.com>
QRP-L # 485 K2 SN 0020 [mailto: w3fpr@arrl.net](mailto:w3fpr@arrl.net)

----- Original Message -----
From: "TC Dufresne" <tdufres@radiks.net>

> Folks.. I ate to ask, but when a schematic says diode like --->|-- does
> that mean mount with the band (negative) towards the right?
> SRI, was perusing one of my rigs and wonder if I may have stumbled on the
> answer to one of my many questions..
> Tom

Date: Mon, 26 Feb 2001 22:12:53 EST
From: Macstein@aol.com

To: prm@hiwaay.net, qrp-1@lehigh.edu
Subject: [92755] Re: [fpqrp] DX chasing
Message-ID: <cb.e80049f.27cc7535@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 2/26/2001 9:44:24 PM Eastern Standard Time, prm@hiwaay.net writes:

> I'm not a DXer but I just worked an experimental station in Barcelona
> EA3EOM on 20 meter PSK31 using 5 watts and an inverted vee on my FT-817 . .
> .Is that a rare one since it is experimental?

Hummm, you are too a Dxer. grin.

-MAC-
AF4PS

Date: Mon, 26 Feb 2001 22:18:22 -0500
From: Tom Isgro <k8cz@concentric.net>
To: N10DL@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92756] Re: [fpqrp] DX chasing
Message-ID: <3A9B1C7E.5FD82290@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

K8G0D

N10DL@aol.com wrote:

>
> I can attest that he got the POPE, I was the one who found the SPOT for him,
> and also got him.....he was up in the General portion of the band.
> Aron
> N10DL
> Still have not found the QSL route for him yet.

--

"No matter where you go, there you are"

72, 73 oo's
Tom K8CZ Hamilton, OH
FPqrp #-41, QRP-1 945, FISTS 2360, NORCAL 2113, ARCI 9606,

10-10 68364, SCI 1479, ARS 203, SOC 336, ARRL

<http://www.geocities.com/k8cz/qrp.html>

Date: Mon, 26 Feb 2001 22:19:33 EST
From: SKIPNC90@aol.com
To: qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [92757] High winds and Quiet bands
Message-ID: <4f.7f57cf1.27cc76c5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,

Well we had some high winds today in the Chicago area. they brought down a lot of knidling wood for the fireplace

I was listening to the bands Sunday afternoon and they seemed too quiet to me. I was hearing some local stations working others but could not hear the other stations very loud. Went out in the evening when the winds died down and checked my antenna. Well it survived the winds just fine but the feedline was down. Know wonder the signals were weak. The K2 ATU loaded it up just fine, I just did not try to make any contacts because of the weak signals. The Atu even loaded it on 160 meters too at 2.1:1 swr. I'll have to fix it tonight before the Fox hunts.

73, Skip Davis NC90
FT K2 #0065

Date: Mon, 26 Feb 2001 19:33:17 -0800 (PST)
From: Dan Reynolds <bcdlr@yahoo.com>
To: qrp-l mail list <qrp-l@lehigh.edu>
Subject: [92758] QRP Most Used Parts
Message-ID: <20010227033317.12455.qmail@web2302.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

There used to be a most popular parts list on qrp-l a few years back. Does anybody still have that? Or better yet has it updated... Listed most popular caps, toroids, chokes, transistors, etc...

Dan Reynolds KB9JL0

Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
<http://personal.mail.yahoo.com/>

Date: Mon, 26 Feb 2001 22:49:10 -0500
From: "John P. Cummins, Sr." <jpcummins@charter.net>
To: bcdlr@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [92759] Re: QRP Most Used Parts
Message-ID: <3A9B23B6.3FFA15EB@charter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The only place we (NoGa) have found recently as a good supply for toroids is Bytemark. The prices are really good compared to some of the larger places. <http://www.bytemark.com>

We use them in the NoGaWaTT meter project.

Pickett, AD4S

Dan Reynolds wrote:

>
> There used to be a most popular parts list on qrp-l a few years back. Does
> anybody still have that? Or better yet has it updated... Listed most popular
> caps, toroids, chokes, transistors, etc...
>
> Dan Reynolds KB9JL0
>
> -----
> Do You Yahoo!?
> Get email at your own domain with Yahoo! Mail.
> <http://personal.mail.yahoo.com/>

Date: Mon, 26 Feb 2001 19:40:42 -0800
From: Russ Dow <n7dw@pacbell.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [92760] Re: The Clandestine Ham
Message-ID: <3A9B21BA.33A202B2@pacbell.net>
MIME-version: 1.0

Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Uh-oh, busted.
Fun story, Jeff. Thanks for sharing it!

73,
Russ N7DW
ex-Morgan Hill, now in Anaheim

Jeff Grudin wrote:

> This is a story that I wrote for my club newsletter. It is not QRP in
> nature. So If you cannot deal with that PLEASE DELETE NOW. It is
> related to two recent topics on QRP-l - less than optimum antennas and
> D68C. It is just (I hope) a funny story.
>
> -----
> The Clandestine Ham
>
> Well I did it again.
>
> I took a little break from radio, and as of late I have been trying to
> get back into Dxing. The current fodder is D68C on Comoros Island in
> the Indian Ocean. It is about as far from my QTH as one can get.
> Consequently, it is a difficult catch.
>
> At my office, I have been running the DX packet cluster, so I can
> monitor when and where D68C has been. It seemed that they were very
> active during the day. So I thought, and here is where the trouble
> began, that if I had a station at my veterinary office, I might be able
> to snag them between patients. I already have an old extra transceiver
> so all I need to do is put up an antenna.
>
> Well this should be easy. I will put up a dipole in the attic and see
> what I can do. On Sunday morning with the office closed, I went in to
> do my rounds and also put up the antenna. I built a doublet according
> to the plans a guy posted on one of the reflectors I follow. It was fed
> with ladder line and I ran it to a 4:1 balun located just above my
> office. From there I ran about 10 FT of RG8 to my tuner.
>
> Putting up the antenna proved to be an amazing feat. My office building
> started out as two vacation homes many years ago that were connected and
> remodeled into one building. Consequently the attics are not connected
> and so there aren't any long stretches available. Add to that 13 years
> of old files, equipment, etc. and there just wasn't much room up there.
> So from the center I went 7 feet on each side made a right turn and went

> another 12 feet, made a right turn and with a rope tied the two ends
> together with about 5 feet between them. Looks kind of like a
> horizontal loop but not connected at the far end of the loop. I
> actually saw a similar antenna described in the ARRL antenna book. Back
> to my office and put it to the test. It tuned easily on 10, 15, 20, and
> 40. Cool I will be ready to go.
>
> My plan was that I could leave the packet cluster running and if I saw
> the spot, I could try to work it. If I would use my headphones no one
> would know. Now keep in mind my XYL is my office manager, so I can't
> get away with much.
>
> My next day at work, I put my plan into action. I set up everything and
> waited. Then at 17:00 UTC, there it was D68C on 10M CW. I told my
> coworkers that I was going to go get a cup of coffee and would be right
> back. I snuck into my office and closed the door. He was very weak,
> but calling CQ and no takers, perfect. Now I made my second mistake. I
> figured that with him being so weak he would never hear me at QRP
> levels, so I cranked the old Icom 701 up to 100W. I tapped out my call
> and back he comes .KW ? Wow he heard me on the first call. Back I
> send, 599 de AC6KW TU (599, typical DX lies ;-)). I hear him come
> back ..599 TU AC6KW.
>
> Just at that moment, my office door bursts open. My XYL exclaiming
> "What the #\$%\$# are you doing. There is Morse code coming out of the
> speakers all over the hospital, and the computer screens are all
> blinking on and off with the noise on the speakers.
>
> So much for my clandestine operation, I was caught red handed with my
> hand in the cookie jar. At least I did get my catch!
>
> Lessons learned:
> 1. Much less than optimal antennas do work.
> 2. Stick to QRP operations, especially when you are trying to be
> sneaky.
> -----
> --
>
> 73 de AC6KW <mailto:grudin@vdbbs.com>
> Jeff Grudin, DVM Web Add: <http://www.vdbbs.com/~grudin>
> Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
> Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

Date: Mon, 26 Feb 2001 23:06:58 -0500
From: Jim Ek <Jim-Ek@worldnet.att.net>

To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [92761] Pixie
Message-ID: <01C0A048.EBDB9660@244.st-louis-168-169rs.mo.dial-access.att.net>

Today I ordered from Halted Electronic Supply a couple of Pixie 2 radio kits. Was planning on ordering crystals for the kits as well from them. Apparently they are not stocking 40 meter crystals anymore for the kit. Which means I need to find another source.

Unfortunately I know very little about electronics, just enough to pass my technicians license. I know almost nothing about radio crystals. I did a search of radio crystals in the "Google" search engine. It gave me references, but I don't understand what I'm reading about at the sites.

Can someone please point me to an U.S. vendor for crystals for this radio kit. That has a relatively simple web page. Web sites mention microphone crystals, microprocessor crystals, etc. etc. Went to one electronics web site and did a search on "Crystal" and it gave me 37 pages of listings. I think that I want a crystal for 7.040.

Regarding substituting a VFO for a crystal suggestion. I'm just not that sophisticated yet. During my course of time on this earth I've attempted 3 electronics projects and the only one that was successful was when an Elmer looked at my non functioning kit and after 45 minutes finally found what I had done wrong, that was a regenerative shortwave receiver.

The kits are already ordered, I want to work on easy projects until I pass into the higher license classes, and then build something like an Elecraft K-1.

Your help is very appreciated

72's

Jim Ek
KB9VEZ

P.S. Why did I order two kits. Lack of confidence. Figure if I mess one or both up I can scavenge enough parts to finally put one together that works.

Date: Mon, 26 Feb 2001 23:14:31 -0500
From: Ron D Doyle <n8var@juno.com>
To: fpqrp-l@mpna.com, QFOX@egroups.com, qrp-l@lehigh.edu
Subject: [92762] Fox: Cub Fox comments

Message-ID: <20010226.231453.-414883.2.n8var@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Well, The eve started out pretty good. Didn't notice too much trouble with other stations close by that weren't part of the hounds. The noise level seemed to be reasonable too. The hounds were there buy the herds. Oops wrong animal.:) By the packs.:) I was working you guys as best I could. The band seemed to hold together until about 03:15 or so then the noise started rolling in from BC stations and the hounds got real weak. By 03:50 I was really have to work hard at pulling out any sigs. I had the volume way up and filters open more than I like but didn't want to close them too much for fear of losing that last weak hound.

I didn't break 60 but did break my last total of 51. I will clean the log up and get it posted tomorrow.

Thanks all for coming to slug it out with the band conditions.!!

72 de Ron, N8VAR

Cub Fox for February 26

Ron Doyle

n8var@arrl.net

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 26 Feb 2001 20:14:21 -0800

From: Patrick Armstrong <aa7fg@gte.net>

To: qrp-1@Lehigh.EDU

Subject: [92763] Re: OT: QRP antenna traps...

Message-ID: <3A9B299D.1EC2B4B1@gte.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hello All,

I just want to extend an appreciative thanks to all who responded to my antenna questions... Many, many good suggestions and ideas were shared and I

will no doubt benefit from them all... I live in a heavily guarded CCR area and need to maintain a low profile... Several suggested ditching the RG-213 in favor of twin lead... My only concern is TVI and BCI even at low power levels... I thought about an auto coupler like the SGC series, but big \$\$\$ to convert to that scheme... Well, lots of "fuel for thought" and will be fun to experiment... Again, a great bunch of folks on this reflector who are always willing to share experience and knowledge to further this great past time... I am very proud to be a ham...

Pat Armstrong, AA7FG - Oregon

Date: Mon, 26 Feb 2001 23:35:24 EST
From: WA3JAT@aol.com
To: qrp-l@lehigh.edu
Subject: [92764] Re: FS-Several items for sale to clean shack
Message-ID: <78.11110d4c.27cc888c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

The Kenwood IF-232C interface, the Lectrokit QRP tuner kit and the Epiphyte 3 kit are all sold.

The Radioworks Carolina Windom Beam Model CW-160 is still available and more info on this new and unused antenna can be seen at Radioworks website.

The SMC CBM-72 5 watt 10 Meter FM Xcvr is also still available.

73 to all who responded so far.
Jim, WA3JAT

Date: Mon, 26 Feb 2001 22:53:13 -0700
From: "al dawkins" <alk0frp@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [92765] W0CQC four band out of state
Message-ID: <00b301c0a081\$92bd9fe0\$0300a8c0@home>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

W0HEP and N1FN both worked me on all 6 bands 160 - 10m but Rich is a mile or so to the north and Marshall (ET) his fox and contest name is a mile to the

south.

BUT outside Colorado seems to go to AF4PP Chuck in Georgia worked four bands on 40 - 10m.

Other's that claim four bands or more???

Al K0FRP

Date: Tue, 27 Feb 2001 01:35:33 -0500 (EST)
From: <baltimoremd@baltimoremd.com>
To: "qrp-L@Lehigh.EDU" <qrp-L@Lehigh.EDU>
Subject: [92766] (OT)Information for Juno Users @ They're committing Fraud
Message-ID: <Pine.BSI.4.05L.10102270134290.16260-1000000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Juno Makes Unauthorized changes to user account

I just went into my account profile at Juno to confirm that I still had 6 months of prepaid service time.

Lo and behold, Yesterday "someone" changed my membership from Premium pre-paid to the month to month service...which Juno tells me will cost \$29.95 a month.

If you are a paid member of Juno, I STRONGLY suggest that you check your plan membership, amount and next billing date at <http://account.juno.com>

I've had it....I am filing in small claims court, and asking that Juno supply all records and correspondence reference my account.

I am also attempting to find an attorney that may be interested in a class action suit.

Watch your backs folks...Juno is NOT to be trusted.

Thom

see <http://www.zerobeat.net/junoscam.html> for the beginning of this adventure

Your Domain on Our Servers...as low as \$2.49 per month.
<http://www.tlchost.net/>

73,
thom

Date: Tue, 27 Feb 2001 01:23:13 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [92767] The Atlanticon Kit: PSK31 Beacon -- Introduction
Message-ID: <009c01c0a085\$dfc83b70\$985daccf@ghlpt4>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Many of you know that the NJQRP Club provides a simple-but-fun kit for the QRPers coming to the Atlanticon QRP Forum each year at the end of March. The idea is for these Manhattan-style projects to be assembled before Atlanticon so they can be used in the Saturday evening building and operating contest.

Over half of the attendees usually build up these projects, and most learn a lot along the way relative to homebrew construction technique and theory of operation. Additionally, and this is the most fun part, we all get a chance to *use* the project in some zany fashion right there during the QRP weekend.

LAST year we had a simple transmitter called the SNAP. After the homebrewer had his/her project assessed relative to construction techniques, each was "measured" at two special judging stations. The SNAP's power output was coupled with the aesthetic beauty to determine the ultimate winners of the contest.

THIS YEAR'S ATLANTICON KIT IS ...
 ... a PIC-based PSK31 audio beacon!

We designed software for an inexpensive-but-fast PIC-like microcontroller device that generates audio tones using the PSK31 algorithms. The data-driven audio waveform is fed to an amplifier IC which drives a user-supplied speaker and "voila", the familiar PSK31 warble is easily recognized. When presented as input to DigiPan (or an equivalent PSK31 receiving system), these modulated audio tones are able to be decoded to display the original data stream.

THE "BEACON" PART

The "beacon" part of the kit comes about in the kind of data programmed into the PIC. Each kit's microcontroller comes pre-programmed with a simple

string customized with the individual's callsign. For example, the data string currently programmed in my PSK31 Beacon is an endless loop of:

PSK31 Beacon de N2APB/B code 8926 n2apb@amsat.org

Each person building a kit will have it customized with his/her callsign, a code word (typical for beacon transmitters), and his/her email address. Further, in order to provide additional distinction in the signal, each Beacon will be based on one of 22 different center frequencies centered around 1 KHz. (More on these last two aspects in a bit.)

"SO, WHAT CAN ONE DO WITH AN AUDIO PSK31 BEACON?"

Well, here's the beauty and the fun of the entire project. First, as is usually done during our Building Contests, each contestant's Manhattan-constructed Beacon kit will be judged on that Saturday evening by the homebrew experts that we'll have at Atlanticon: K8IQY and K7QO. Jim Kortge and Chuck Adams will evaluate each Beacon for its homebrew quality.

Next, all contestants will turn their beacons ON and gather around two laptops running DigiPan and manned by PSK31 veterans NN1G and N2CX. These laptops have built-in microphones and can decode audio PSK31 tones "in the air" ... and boy, with 75-100 beacons warblin' away, there will certainly be audio tones in the air! (We've suggested that Dave and Joe bring along a pair of ear plugs :-)

Okay, so now you've got the picture of a whole bunch of QRPers amassed around a table with N2CX and NN1G sitting by their laptops running DigiPan, right? Now within a 15 minute period, the idea will be to see how many of the Beacons can be copied (callsign & code word), as captured by the DigiPan programs. Factors involved in successful reception include functional completeness of the Beacon itself, the settings of the audio amp, the speaker used, the distance from the laptop's microphone, adjacent QRM, etc. "Points" will be awarded to all Beacons for the degree of solid copy captured to the DigiPan log during that 15 minute period.

AND THE WINNER IS

... the best combined "score" of: (1) homebrew construction quality, and (2) DigiPan receive points.

This may sound complex, but it's really quite simple -- build the Beacon, turn it on and see how well it can be copied by DigiPan. Each contestant could actually do this during the test phase at home prior to Atlanticon!

USING THE BEACON AFTER ATLANTICON

Sure, projects can be fun for a weekend's contest or fun activity, but the NJQRP PSK31 Beacon will have lasting value for the PSK31 enthusiast. The audio tones generated by the Beacon can be presented as input to any SSB transmitter -- a Warbler, PSK-20, PSK-40, or even a Yaesu FT-1000. Thus, a PSKer can easily put a beacon signal on the air for all the same reasons that CW beacons are used (e.g., propagation studies, etc.)

Recall that each Beacon's microcontroller is customized with one's callsign and is run on slightly different frequencies. One Beacon may have its tones centered at 978 Hz, while another may have its tones at 1050 Hz. This spreading out of Beacon signals will help when multiple beacons are placed in service at the same time within close geographic proximity.

ORDERING THE PSK31 BEACON

As mentioned, the Atlanticon Kit is being sent to every QRPer who has already pre-registered for Atlanticon this year. Those who have already pre-registered will have their kits mailed starting early next week (March 5).

But in addition, ANYONE can order an NJQRP PSK31 Beacon Kit, even if you're not going to Atlanticon. Just place an order with the NJQRP and we'll get your PSK31 Beacon Kit to you also starting on March 5th. The kit price is \$15 domestic (includes postage) and \$18 Canada and DX.

But if you ARE attending Atlanticon and haven't yet registered with us, just go ahead and order the PSK31 Beacon and you'll get \$5 back when you get to the Atlanticon hotel on March 30-31. Thus, the purchase of this \$15 kit (less \$5 refunded at the hotel) becomes your registration fee for the QRP weekend.

This sounds complex but it too is actually rather simple. The price of the kit is \$15, but Atlanticon attendees get a reduced price of \$10 (i.e., the registration fee) in order to encourage their construction and usage of the Beacon during the Saturday evening contest.

ORDERING DETAILS

The kit price is \$15 domestic (includes postage) and \$18 Canada and DX. You can pay by PayPal (use email: n2apb@amsat.org) , or by sending check or money orders payable in \$US to "George Heron, N2APB" to:

George Heron, N2APB
2419 Feather Mae Court
Forest Hill, MD 21050

SCHEMATICS, PHOTOS, SOFTWARE and THEORY OF OPERATION ...

... will all be coming in follow-on postings and will be posted soon on the NJQRP website.

So for now, thanks for bearing through this long posting and we hope you share our excitement with this unique PSK31 Beacon Kit. We'll be warblin' with you at Atlanticon!

72,

--George N2APB, n2apb@amsat.org
& Joe N2CX, n2cx@voicenet.com

for the NJQRP Club at <http://www.njqrp.org>

PS: See details of the Atlanticon weekend at
<http://www.njqrp.org/atlanticon/>

Date: Tue, 27 Feb 2001 02:52:33 -0500
From: John AE5X <ae5x@juno.com>
To: qrp-1@lehigh.edu
Subject: [92768] Email reply from 5A1A
Message-ID: <20010227.025235.3366.0.ae5x@juno.com>

If anyone else works this station, here is his reply to my QSL question.
BTW, I worked him on 28.020 on 22 Feb at 1742 UTC, for those who asked.
He works CW at about 40 wpm, so be ready!

----- Begin forwarded message -----
From: abubaker alzway <sanacat@usa.net>
To: John AE5X <ae5x@qsl.net>
Subject: Re: [QSO 22 Feb 2001 @ 1742UTC]
Date: 26 Feb 2001 15:45:18 MST

HELLO JOHN
MANY TNX FR QSO AND EMAIL,I PREFER YOU SEND YOUR QSL VIA REGISTERED MAIL
=
WITH
SASE NO IRC'S ~GREEN STAMPS OK AT LEAST 2 US \$ ANY MORE FEE WILL BE USE
TO
SUPPORT 5A1A STATION~,TAKE CARE I HOPE TO MEET YOU SOON,ALL THE BEST,73.

YOUR'S

ABUBAKER 5A1A

John AE5X <ae5x@juno.com> wrote:

Hello from NJ, Abubaker:

I would like to QSL with you for our QSO last week. How is the best way
to do that? Regular mail? Registered mail?

You are a very fast CW operator!

Best wishes and DX from,

John Harper AE5X
HW-9, OHR-100A/20, NC40A, SST30, SST40, DSW20
Outdoor QRP: <http://www.qsl.net/ae5x>

----- End forwarded message -----

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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 27 Feb 2001 08:55:24
From: "Leon Heller" <leon_heller@hotmail.com>
To: tdufres@radiks.net, qrp-1@Lehigh.EDU
Subject: [92769] Re: Stupid diode question
Message-ID: <F173sVINDnKgXhLy4Wn00012834@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>
>Folks.. I ate to ask, but when a schematic says diode like --->|-- does
>that mean mount with the band (negative) towards the right?
>SRI, was perusing one of my rigs and wonder if I may have stumbled on the
>answer to one of my many questions..
>Tom
>

The easiest way to remember this is to think of the band on the diode as
corresponding to the 'bar' on the schematic symbol, so your surmise is
correct.

73, Leon

--
Leon Heller, G1HSM Tel: (work): +44 1327 357824 (home): +44 1327 359058
Email:leon_heller@hotmail.com My web page:
http://www.geocities.com/leon_heller IRISYS Ltd: <http://www.irisys.co.uk>

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Date: Tue, 27 Feb 2001 04:23:25 EST
From: RangerSF5@aol.com
To: qrp-1@lehigh.edu
Subject: [92770] Re: Stupid diode question
Message-ID: <71.b126269.27cccc0d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 2/27/01 3:56:40 AM Eastern Standard Time,
leon_heller@hotmail.com writes:

<< Subj: Re: Stupid diode question
Date: 2/27/01 3:56:40 AM Eastern Standard Time
From: leon_heller@hotmail.com (Leon Heller)
Sender: owner-qrp-1@Lehigh.EDU
Reply-to: leon_heller@hotmail.com
To: qrp-1@Lehigh.EDU (Low Power Amateur Radio Discussion) >>

There is no such thing as a stupid question.
Amelia Earhart thought her question was dumb so she didn't ask anyone.
Bob
WA2HOQrp <tm>

Date: Tue, 27 Feb 2001 08:11:53 -0500
From: "Brian" <bmurrey@amexol.net>
To: <prm@hiwaay.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92771] Re: [fpqrp] DX chasing
Message-ID: <005201c0a0be\$daf39200\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Richard,

Sorry buddy, make whatever claim you want, but I am telling you, you are now

a DXer. Get used to it.

<grin>

72

----- Original Message -----

From: "Richard Matthews" <prm@hiwaay.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, February 26, 2001 9:41 PM

Subject: Re: [fpqrp] DX chasing

>

> > N10DL/qrp

> > Bedford, NH

>

>

> I'm not a DXer but I just worked an experimental station in Barcelona

> EA3EOM on 20 meter PSK31 using 5 watts and an inverted vee on my FT-817 .

.

> .Is that a rare one since it is experimental?

>

> 73,

>

> Richard WA4NWW

>

>

Date: Tue, 27 Feb 2001 07:51:51 -0600

From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>

To: "'res075cz@gte.net'" <res075cz@gte.net>, Low Power Amateur Radio Discussion
<qrp-1@lehigh.edu>

Subject: [92772] RE: 1N295 Diode Replacement

Message-ID:

<E78D8A9D6762D411B5440008C791D4AA0130344C@dfwex03.allegiancetelecom.com>

MIME-Version: 1.0

Content-Type: text/plain

Jim,

The 1N295 diode is germanium, similar to the 1N34.

If you'll send me your snail-mail address, I'll send you several

so you can match them for optimum forward resistance and thus pick two to replace the "open circuit" diodes.

Karl K - W8TIF
McKinney, Texas

> -----Original Message-----

> From: res075cz@gte.net [SMTP:res075cz@gte.net]

> Sent: Monday, February 26, 2001 5:39 PM

> To: Low Power Amateur Radio Discussion

> Subject: 1N295 Diode Replacement

>

> I just bought a Swan WM-1500 RF Wattmeter that has a five watt and 50 watt

> scale that makes in great for QRP. It has has two QRO scales so I can use it

> as a general purpose meter.

>

> The SWR bridge does not work because of two blown 1N295 diodes. Does anyone

> know a modern replacement for these diodes or should I go looking for the originals?

>

> Thanks for your help...

>

> 73 de Jim, K5ROV...

>

> James (Jim) Parsons, K5ROV, CMSgt, USAF, Ret., Ham for 60 yrs.

> k5rov@arrl.net, QCWA, ARCI, Fists, ARRL, ARMS.

> EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),

> DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).

> JOHN 3:16

>

Date: Tue, 27 Feb 2001 08:06:30 -0600

From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>

To: "'w5yr@att.net'" <w5yr@att.net>, Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>

Subject: [92773] RE: BNC or RCA connectors for RG174?

Message-ID:

<E78D8A9D6762D411B5440008C791D4AA0130344F@dfwex03.allegiancetelecom.com>

MIME-Version: 1.0

Content-Type: text/plain

Most likely, George!

Karl K - W8TIF
McKinney, Texas

> -----Original Message-----

> From: George, W5YR [SMTP:w5yr@att.net]
> Sent: Monday, February 26, 2001 4:29 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: BNC or RCA connectors for RG174?

>

> Thanks, Bruce and Karl. I was pretty sure that was the case. Art must have
> known something, don't you think? <:}

>

> 72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

>

> Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
> Amateur Radio W5YR, in the 55th year and it just keeps getting better!
> Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

>

> Bruce Muscolino wrote:

> >

> > George,

> > >

> > > Karl, did the S-Line also use the RCA jobbies for r-f connectors?

> > >

> > Yes.

Date: Tue, 27 Feb 2001 08:08:19 -0600

From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>

To: "'nkennedy@tcainternet.com'" <nkennedy@tcainternet.com>, "Kanalz, Karl"
<Karl.Kanalz@allegiancetelecom.com>,

Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [92774] RE: BNC or RCA connectors for RG174?

Message-ID:

<E78D8A9D6762D411B5440008C791D4AA01303450@dfwex03.allegiancetelecom.com>

MIME-Version: 1.0

Content-Type: text/plain

Yep, Nick, the Hot-Water 101 also used RCA connectors for the
transceiver output. "If it's good enough for Collins Radio, it ought
to be good enough for Heathkit!"

Karl K - W8TIF
McKinney, Texas

> -----Original Message-----

> From: Nick Kennedy [SMTP:nkennedy@tcainternet.com]

> Sent: Monday, February 26, 2001 6:56 PM
> To: 'Karl.Kanalz@allegiancetelecom.com'; Low Power Amateur Radio
> Discussion
> Subject: RE: BNC or RCA connectors for RG174?
>
> Collins used RCAs? If it had been known that, I wouldn't have had to feel
> inferior
> with my HW-101. (Memory fades--but I'm pretty sure it had RCAs).
>
> 72--Nick, WA5BDU
>
>
> -----Original Message-----
> From: Kanalz, Karl [SMTP:Karl.Kanalz@allegiancetelecom.com]
> Sent: Monday, February 26, 2001 1:25 PM
> To: Low Power Amateur Radio Discussion
> Subject: RE: BNC or RCA connectors for RG174?
>
> Yep! The S-Line transmitter uses a ceramic RCA "Phono Socket".
>
> No, the 30L-1 and 30S-1 linear amplifiers did NOT use them!
>
> Karl K - W8TIF
> McKinney, Texas
>

Date: Tue, 27 Feb 2001 08:24:41 -0600
From: "Matthew Collier/cis/evp/Okstate" <mwc@okstate.edu>
To: qrp-1@Lehigh.EDU
Cc: Jim-Ek@worldnet.att.net
Subject: [92775] Re: Pixie
Message-ID: <0F42D76673.986AA02C-0N86256A00.004ECC96@cis.okstate.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Jim,

Take a look at the bottom of this NorCal webpage for 40m crystals
(<http://www.fix.net/~jparkernorcal/kits/kits.htm>).

72's de Matthew, AD5AP

Date: Tue, 27 Feb 2001 10:12:49 -0600

From: Bryn Joynes <bryn@pcpractice.com>
To: qrp-1@lehigh.edu
Subject: [92776] Kenwood TS850SAT and what filters to buy..
Message-ID: <3A9BD201.2F98D505@pcpractice.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

I have a Kenwood TS850SAT with what appears to be standard filters. When all the filter positions are selected I have 2.7k with 8.83 and 2.7k with 455. I have read the manual and am uncertain what is my best option towards adding new filters. I don't want to lose the progressive reduction I have now with the filters, but I also want a better filter for cw/ssb. Does anyone have any suggestions?

Thanks in advance

Bryn
N4VM

Date: Tue, 27 Feb 2001 07:41:00 -0800
From: Russ Dow <n7dw@pacbell.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92777] Re: BNC or RCA connectors for RG174?
Message-ID: <3A9BCA8C.CBE52F6B@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi gang,

Heathkit loved those phonos. I had a HW100 and now that it's been mentioned, I recall that had a phono output too. Also I had an old Heathkit 2 meter xcvr (HW-2036A) back in the late 70s, and an older rockbound version before that. Those had RCAs on the antenna output too. On the 2036A I replaced with a chassis mount BNC.

Since I started this thread, allow me to say this: One of my first thoughts was to use an RCA/phono with a BNC adaptor. Physically that would be easy to set up, and I have both, but I *hate* losing adaptors -- it always happens at the most inopportune moment!

I have received many good suggestions, including a couple of good

workarounds and many sources. Looks like I will be ordering from Dan's, and making mental notes on the alternatives I've seen here. Those will be useful at some point, I'm sure.

Great discussion, guys and gals. Thanks again -- you're terrific!!

73,
Russ N7DW

"Kanalz, Karl" wrote:

> Yep, Nick, the Hot-Water 101 also used RCA connectors for the
> transceiver output. "If it's good enough for Collins Radio, it ought
> to be good enough for Heathkit!"
>

Date: Tue, 27 Feb 2001 10:02:03 -0800
From: "Jim Crooke" <crooke@prodigy.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [92778] Argonaut
Message-ID: <014c01c0a0e7\$6bef2c60\$0101a8c0@workstation1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Last week I posted about my new to me 509 that had a very weak front end. Had a lot of suggestions to send it back to TenTec to get spruced up. One fellow (and I don't remember who) suggested the receive/transceive switch in the rear may be oxidized limiting the signal input. Sure enough, thorough switching of the contacts relieved enough oxidation to really flood the front end with lots of signals :-)))

Now I need to go through and carefully clean all the contacts on the switches. And I also need to find an external audio filter! Sure have gotten spoiled with 300Hz filters in the Pegasus.

My thanks to the list and to the fellow that suggested the obvious!

72 es oo's Jim KJ0C
Healer of Brachycephalics and other fine looking creatures in Springfield, MO
QRP-L # 2100, SOC # 37, #-108 and semi-official vet of the Flying Pigs

QRP, member of the Night Owl Fox Hunters

Date: Tue, 27 Feb 2001 16:49:01
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [92779] Re: QST on CD and Linux
Message-ID: <F267fWeHoS9wRFzYPKm000190a9@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I have several of the QST and QEX CDROMs, and have seen three different organizations for them: the older QST CDROMs (e.g. 1996), the newer ones (e.g. 1999), and the QEX Collection CDROM.

The new ones use PDF and aren't a problem - I've browsed the 1999 QST CDROM on the Sun Ultra-5 I use at work. For the older ones, I'd look at something like Tk. Neat system, but I've never come up with a good application for it. Until now... :-)

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Date: Tue, 27 Feb 2001 11:42:44 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <aa7fg@gte.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92780] Re: OT: QRP antenna traps...
Message-ID: <1010127114244.LAA28740@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 2/26/01 12:30 AM, Patrick Armstrong at aa7fg@gte.net wrote:

>
>power antenna trap(s) to make my 80M dipole happy on 40M also? My
>antenna is hung from the back of the house and runs to the back fence

>and looks like a V beam pointed east... Works OK on the fundamental band
>
>is was designed for (80M) and also on 30M, but not to hot on 40M... I
>feed it with RG-213 into an LDG Z-11 tuner. The LDG will tune 40M, but I
>
>know that it is not working to well there.

Why do you "know" it's not working well there? Getting beat out in pileups? Can't work anyone?

Seems to me a doublet that works on 80m should also be ok on 40m, even if it doesn't present a perfect match. Granted, you'll see some additional loss in the RG-213 due to the mismatch, but not enough to eliminate the possibility of making contacts.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Tue, 27 Feb 2001 12:12:21 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <plburbank@kih.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [92781] Re: Re Code suggestions
Message-ID: <1010127121221.MAA01214@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 2/22/01 10:58 PM, Pete Burbank at plburbank@kih.net wrote:

>Dear gang
>I have mixed feelings about the opinions whether visual memorization is
>detrimental.

It's a well-documented problem, if higher speed operation is the goal.

>If your neural connections are agile it should not cause problems.

If you're quick, you might be able to go faster, but eventually, you'll run into the "wall" as you don't have enough mental acuity to listen to the sound, translate that to visual symbols, look it up in your mental table and then read off the result.

Visual memorization works up to maybe 10 wpm. Why do you think the FCC

chose 13 wpm so long ago? Because 13 was unlucky? Speeds of 5, 10 and 20 would have made more logical sense, right.

13 wpm was sort of a minimum speed for a competency with code.

>For example; Typing code is IMHO a dual translation. If you want to write it
>down, #1 pencils are a lot faster I buy them at the local office supply.

I can type 80+ wpm. I can only write about 25 wpm on a good day, and the results are pretty illegible.

If you practice with a keyboard, then you'll learn to translate code in one step.

>I certainly agree with leaving the rig on and "reading the mail" as you do
>something else.

I've never found this useful. To copy in my head, I have to concentrate hard enough that I can't do anything else. Or if I try to do something else, I don't end up reading any code.

>I'm not a Neurologist but I think that once you learn to walk and chew gum
>at the same time the learning method is not that critical. Your brain puts
>it all together.

Eventually, perhaps. But prior learning often interferes with achievement. In this case, if you learn code by memorizing a table of visual representations, you reach a point where you have to retrain by sounds. If you start off with the sounds, you never have to retrain.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Tue, 27 Feb 2001 10:10:16 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [92782] Re: OT: QRP antenna traps...
Message-ID: <20010227181016.28065.qmail@web10012.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Bill Coleman <aa4lr@arrl.net> wrote:
> On 2/26/01 12:30 AM, Patrick Armstrong at aa7fg@gte.net wrote:

>
> >
> >power antenna trap(s) to make my 80M dipole happy on 40M also? My
> >antenna is hung from the back of the house and runs to the back
> fence
> >and looks like a V beam pointed east... Works OK on the fundamental
> band
> >
> >is was designed for (80M) and also on 30M, but not to hot on 40M...
> I
> >feed it with RG-213 into an LDG Z-11 tuner.

Best thing to do is scrap the RG-213 and use ladder line or twin lead.
You'll get rid of the losses and signals will be stronger as will your
transmit. That's the easiest way to improve your antenna system.

73!

Jeff

=====

AB6MB

NorCal QRP Club #65, QRP-L #1780, ARCI 10071

Radical FIST Member 6798

Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
<http://personal.mail.yahoo.com/>

Date: Mon, 26 Feb 2001 23:36:17 -0700
From: "Ron, KU7Y" <ku7y@qsl.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [92783] Re: 4Q2LID???
Message-ID: <000201c0a0e7\$d599f460\$66c6a9d8@com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7bit

OK,

So who is going to get the first WAS (Worked All Slims) Award?

: -)

cu1, Ron KU7Y

Full time RVing somewhere in the West!

(Currently near Quartzsite, AZ)

A Proud AZScQRPion

If guns cause crime then pencils cause misspelled words.

Date: Tue, 27 Feb 2001 13:09:33 -0500 (GMT+5)

From: <wd9eyb@butler.qrp.com>

To: qrp-1@lehigh.edu

Cc: wvara@butler.qrp.com

Subject: [92784] KPCB SOT-23

Message-ID: <Pine.LNX.3.95.1010227130819.27890A-100000@butler.qrp.com>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I have added some SOT-23 symbols to the KPCB layout web page.

<http://butler.qrp.com/~wd9eyb/kpcb/>

Jim, WD9EYB

Date: Tue, 27 Feb 2001 13:49:54 -0500

From: Bill Coleman <aa4lr@arrl.net>

To: <RENG@kimcontrols.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [92785] Re: Suggestions on learning Morse code

Message-ID: <1010127134953.NAA08324@gate.iterated.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

On 2/22/01 3:47 PM, Rod Eng at RENG@kimcontrols.com wrote:

>I need to learn the code-am a no code tech now. Any suggestions are
>appreciated!!

Practice. Every day. There is no other way.

What's your ultimate goal? Just enough to pass the test, or do you intend to become proficient enough to get on the air? The latter just means you'll have to practice more.

Code is a skill, and like any skill, it requires repetitious practice.

Like learning to play a musical instrument, the actual practice isn't that interesting, but once you gain a limited amount of proficiency, it can be a lot of fun.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Mon, 26 Feb 2001 23:16:13 -0500
From: "Tracy" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.EDU>
Subject: [92786] Short / mobile 40 antenna
Message-ID: <NCBBICHAOKICOGKID00GGELEEFEEFAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Has anyone used a regular 8 ft whip with a transformer to run 40 in a mobile?

I was thinking of using a 4:1 unun (50:12.5 ohms, since I have one sitting here :)) and a loading coil to feed an 8 ft whip on the car. Yeah, I know center and top loading is better, but bottom loading is possible ... what I don't know is how to figure what inductance I need at the coil, and if I should use a capacitor as well to make the unit match and even radiate a bit.

Can one of you antenna-inclined fella's shoot this full of holes?

Thanks...
Tracy N4LGH

Date: Tue, 27 Feb 2001 15:12 +0000
From: fflynn@adelphia.net
To: Jim.Ek@nss4.cc.lehigh.edu (Jim-Ek@worldnet.att.net)
Cc: qrp-l@lehigh.edu
Subject: [92787] Re: Pixie
Message-ID: <200102271923.f1RJNQN217186@nss4.cc.lehigh.edu>

Content-transfer-encoding: 8bit
Content-type: text/plain
Mime-version: 1.0

Ocean state electronics was mentioned on the list the other day, thanks to whoever mentioned that, btw. They seem to have a really nice assortment of crystals for ham radio. Look at the catalog on page 33, which is on the web, "http://www.oselectronics.com/ose_p33.htm". Build both of your kits and give one away, there's no way you can screw up this kit.

I have a pixie on 7040, so maybe we'll work one day.

72 Fran Km1z

>Today I ordered from Halted Electronic Supply a couple of Pixie 2 >radio
>kits. Was planning on ordering crystals for the kits as well from >them.
> Apparently they are not stocking 40 meter crystals anymore for the >kit.
> Which means I need to find another source.

Email sent using EmailBooth (<http://www.emailbooth.com/>)

Date: Tue, 27 Feb 2001 11:40:42 -0800
From: "Phinizy, William" <wphinizy@filenet.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [92788] IC-22U: Shamefully OT
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B76BC0@hq-expo2.filenet.com>

I humbly apologize for this interruption in the flow of QRP thoughts, but I have stumbled on an old Icom IC-22U sans microphone and manual. I wonder if anyone out there has one of these units who could copy the manual and schematic for me. Obviously, I'd pay copying and postage plus an honorarium..

..alternatively, if you have a reasonably clean IC-22U lying around, I'd be happy to buy it.

..I guess, if pressed, the *radio* could be considered QRP (10 watts FM).

Thanks in advance.

W. H. Phinizy, K6WHP
Principal Engineer
FileNET Corporation

Date: Tue, 27 Feb 2001 12:47:07 -0600
From: Earl Murphy <earlmurf@telusplanet.net>
To: QRP-CANADA <qrp-canada@lists.gpfn.sk.ca>, QRP-L <qrp-l@lehigh.edu>
Subject: [92789] SPECIAL QRPP BEACON on AGAIN
Message-ID: <3A9BF62B.AFAE2F9B@telusplanet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang:

A few heard the 200mw sig last night, how many more would like to take a listen and relay the message to my friend Bruce(VE5RC) email :
rattray@gpfn.sk.ca

Tonight (Wednesday 01:00 to 01:30 UTC 7.040.85 Mhz
Tomorrow(Thursday 01:00 to 01:30 UTC 7.040.85 Mhz

72.....Earl (VA6RF)

Date: Tue, 27 Feb 2001 13:57:34 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [92790] surgery: latest
Message-ID: <Pine.LNX.3.95.1010227134037.1486A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...picture this....Monday afternoon lying on my hospital bed
relaxing...tall brunette nurse walks in and tells me to take my clothes
off.....<hmmmm?>.....and then to lie down on my bed...
ooooooooooooookaa.....a few minutes later I'm as naked as I've ever been
except for the day I was born as she zipped an electric razor all over me
(and I mean ALL OVER!) with the skill of a surgeon...."ok, flip over nd
I'll do your other side".....flip....."You're having your
surgery Tuesday instead of Friday so I'll be shaving you 3 times with a
shower inbetween each shape with special soap"....."Spread your legs"....
bzzzbzzzzzbzzzbzzzbzzzzzz....."OK hit the shower".....yes sir er
miss..... <nurse comes running in to room>...."hold everything. they've

moved you back to Friday as an emergency case has just come in!".....tall
brunette leaves.....Bruce stretches out on his bed.....with hands behind
my head, I think to myself, "So that means we get to do this all over
again come Thursday!".....Bruce's smile radiates the entire
room....heh,heh,heh....sometimes it's peanuts and other times it's
SHELLS!"

72 everyone from Hambly, the scribe

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

Date: Tue, 27 Feb 2001 13:00:41 -0700
From: "Mugleston, Brad" <brad.mugleston@gwl.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [92791] Exam Software
Message-ID: <F9645092A142D3118CBD00805F15292E11D6E143@eb-mail1.gwl.com>
MIME-Version: 1.0
Content-Type: text/plain

At one time I had some software written by Affordable Computer Services.
It would generate the HAM exams on a PC. It was great and I would like to
get something like it (or an update) for my son who wants to get his Extra
ticket.

I know he can get on the web and generate tests but that isn't the best
option right now.

Thanks

Date: Tue, 27 Feb 2001 15:04:28 -0500 (EST)
From: JOHN FISHER <ve7fdg@mad.scientist.com>
To: rattray@gpfn.sk.ca, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [92792] RE: surgery: latest
Message-ID: <385360882.983304268525.JavaMail.root@web105-mc>
Mime-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

You never mentioned man or woman John

-----Original Message-----

From: Bruce Rattray <rattray@gpfn.sk.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: February 27, 2001 7:57:34 PM GMT
Subject: surgery: latest

....picture this....Monday afternoon lying on my hospital bed
relaxing...tall brunette nurse walks in and tells me to take my clothes
off.....<hmmmm?>.....and then to lie down on my bed...
ooooooooookaa.....a few minutes later I'm as naked as I've ever been
except for the day I was born as she zipped an electric razor all over me
(and I mean ALL OVER!) with the skill of a surgeon...."ok, flip over and
I'll do your other side".....flip....."You're having your
surgery Tuesday instead of Friday so I'll be shaving you 3 times with a
shower inbetween each shape with special soap"....."Spread your legs"....
bzzzbzzzzzbzzbzzbzzzzzz....."OK hit the shower".....yes sir er
miss..... <nurse comes running in to room>...."hold everything. they've
moved you back to Friday as an emergency case has just come in!".....tall
brunette leaves.....Bruce stretches out on his bed.....with hands behind
my head, I think to myself, "So that means we get to do this all over
again come Thursday!".....Bruce's smile radiates the entire
room....heh,heh,heh....sometimes it's peanuts and other times it's
SHELLS!"

72 everyone from Hambly, the scribe

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"
ve7fdg@mad.scientist.com
2137 duggan rd
nanaimo bc V9S 5N9
canada

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Date: Tue, 27 Feb 2001 14:12:57 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <w1pa@hotmail.com>
Cc: <qrp-1@Lehigh.EDU>
Subject: [92793] RF burns function of where you grabbed!
Message-ID: <003b01c0a0f9\$acc90550\$4e100a0a@rohredt2000>

Bill,
As luck would have it, the end of a dipole is the high voltage section, and

what you grabbed was the highest potential for RF burn. At an approximate end impedance at 100 watts at 3000 ohms, you would have grabbed about 600 volts. At the center, the 100 watts is developed at about 72 ohms, depending on height above ground, and that would be only about 80 volts. You could grab an insulated dipole wire near the center, I did not mean across the feedpoint. But, I don't suggest taking any risk at 100 watts. You are liable to be capacitively coupled to something around you, virtually grounding you.

Now let's look at QRP: With 5 watts, the end is still a healthy approximate 120 volts, at 3000 ohm point. But the center is only about 18 volts at 72 ohms. You might feel a slight tingle up about 24 volts. The RF burn potential would be pretty small. Besides corrosion inhibition, I like to use insulated wire for portable dipoles to keep down the chance of casual RF burn contacts.

The allusion was to figuratively point out that the thermal rise in the antenna wire would not be felt, from the typical ham modes.

72, Stuart k5KVH

Date: Tue, 27 Feb 2001 14:21:09 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "James Parsons" <res075cz@gte.net>
Cc: <qrp-1@Lehigh.EDU>
Subject: [92794] 1n295 can be replaced by 1n34 from Radio Shack, it is germanium
Message-ID: <004101c0a0fa\$d2193770\$4e100a0a@rohredt2000>

Jim,
These are pretty forgiving circuits, just match a couple of the package assortment diodes from Radio Shack, 1N34 type, for forward voltage on the diode test range of a DVM. I have done this to replace the pickup diodes in power/swr meters before. Works fine, and did not have to adjust the cal pots. They blow from abuse, and thus, it is good to keep some around, or not try to tune up with power into a no antenna connection.

The ratings of the 1N34 is just slightly less current than the 295, but the voltage is the same in reverse, according to Central Semiconductor Corp. catalog, a general replacement source of diodes and transistors.

72,
Stuart k5KVH

Date: Tue, 27 Feb 2001 15:49:39 -0500
From: Pete Burbank <plburbank@kih.net>
To: qrp-l@lehigh.edu
Subject: [92795] Wire Antenna Classics
Message-ID: <5.0.2.1.0.20010227152030.00a677c0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Dear Gang
This is a great book that will answer a lot of questions (including mine).
There are articles on dipoles, inverted Vees, lazy H's ,Rhombics and much more.
Right now it is a 14 Rasbucknick freebie for signing up for a one year
membership
with the ARRL. IMHO a real bargain!!!
There are also several other choices for freebie books.
I know that there are various opinions about the ARRL out there so don't
bother to fill my mailbox with them.
73 to All
Pete NV4V
BTW I am thoroughly tired of the code learning discussion and will be on
40M trying to break my supposedly self imposed code barrier.....I seem
to be stuck at 39WPM...probably from poor eyesight :-)

Date: Tue, 27 Feb 2001 16:11:44 -0500
From: ed.kwik@delphiauto.com
To: qrp-l@Lehigh.EDU
Subject: [92796] Re: surgery: latest
Message-ID: <05256A00.00759C9C.00@uskokg99.delcoelect.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Next time it will be a male nurse. Trust me.

Ed AB8DF

Date: Tue, 27 Feb 2001 16:03:06 -0500

From: ed.kwik@delphiauto.com
To: qrp-1@Lehigh.EDU
Subject: [92797] Re: Ham radio Linux question
Message-ID: <05256A00.00759C99.00@uskokg99.delcoelect.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

I saw an article on the WEB last week about a Linux based plam handheld.

Ed AB8DF

Date: Tue, 27 Feb 2001 16:25:43 -0500
From: "Bill Acito" <w1pa@hotmail.com>
To: rohre@arlut.utexas.edu
Cc: qrp-1@Lehigh.EDU
Subject: [92798] Re: RF burns function of where you grabbed!
Message-ID: <F61bdivB17f0ifED0vU000000004@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>The allusion was to figuratively point out that the thermal rise in the
>antenna wire would not be felt, from the typical ham modes.

>72, Stuart k5KVH

Agreed. When I read the reference to grabbing a 100w dipole though, I got
the phantom twinge in my left hand. :-)

OT: As the story goes, I was a 16 year old novice (in the early 80's)
tweaking a 40m dipole hung from the chimney of my parent's ranch house to a
tree in the back yard. I couldn't get the SWR to bottom, and thought that
maybe my dipole wasn't symmetrical. So, I would key the Ten Tec Omni (in lock
mode), check SWR, key off, run up the ladder on to the roof, tweek the
length of the end over the roof, run down, and repeat. On the fifth or six
pass (hey, I was younger then) I forgot to unlock the transmit. Climbed up,
and grabbed the end of the dipole at keydown 100W. Left a thin, 1.5"-long
blister line across the heal and palm of my hand. Sat on the roof
dumb-founded (actually put my hand back close to the end and felt the tingle
of the RF) until I realized what I had done.

Sorry Stuart, that one passing comment struck a nerve. :-)

Bill
W1PA

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Tue, 27 Feb 2001 13:32:39 -0800
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-1@lehigh.edu>
Subject: [92799] Bruce Rattray and the Nurse!!
Message-ID: <01c0a104\$cf3a00c0\$330b0d0a@dhendricks>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bruce, you dog you. My nurse was about 65, and I think that she was a drill sergeant in the Marines in a former life. One thing, she was not bothered at all by the procedure, and she told me to not worry about a thing.

By the way, best of luck to you, and I am saying prayers for you. 72, Doug

Date: Tue, 27 Feb 2001 15:45:31 -0800
From: "Jim Crooke" <crooke@prodigy.net>
To: <w1pa@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92800] Re: RF burns function of where you grabbed!
Message-ID: <001701c0a117\$62ff6b80\$0101a8c0@workstation1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Bill Acito <w1pa@hotmail.com>
> OT: As the story goes, I was a 16 year old novice (in the early 80's)
> tweaking a 40m dipole <snip> grabbed the end of the dipole at keydown
100W. Left a thin, 1.5"-long
> blister line across the heel and palm of my hand. Sat on the roof
> dumb-founded (actually put my hand back close to the end and felt the

tingle
> of the RF) until I realized what I had done.
> Bill
> W1PA

I'll bet almost every ham that was a teenage novice without an Elmer standing over us did something similiar. I know I and a friend that got licensed at the same time in '69 learned the hard way about RF! There have to be Guardian Angels :-)

72 es oo's Jim KJ0C
Healer of Brachycephalics and other fine looking creatures in Springfield, MO
QRP-L # 2100, SOC # 37, #-108 and semi-official vet of the Flying Pigs
QRP, member of the Night Owl Fox Hunters

Date: Tue, 27 Feb 2001 15:42:21 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: ed.kwik@delphiauto.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [92801] Re: surgery: latest
Message-ID: <3A9C1F3D.35D26241@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

ed.kwik@delphiauto.com wrote:
>
> Next time it will be a male nurse. Trust me.

That's what I got for my gall bladder operation. I'm jealous.

73 de Dave, N0IT

Date: Tue, 27 Feb 2001 16:50:23 -0500
From: "ZOOM" <kandrparker@sympatico.ca>
To: <tracy@bytemark.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [92802] Re: Short / mobile 40 antenna
Message-ID: <004701c0a107\$4a14e420\$39cdfea9@einstein>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

It's funny you mentioned that because I read an article with construction details on how to do just that last night. I can send you the info via e-mail if you like!

Cheers,
Robert Parker
VE3RPF

----- Original Message -----

From: "Tracy" <tracy@bytemark.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, February 26, 2001 11:16 PM
Subject: Short / mobile 40 antenna

> Has anyone used a regular 8 ft whip with a transformer to run 40 in a
> mobile?
>
> I was thinking of using a 4:1 unun (50:12.5 ohms, since I have one sitting
> here :)) and a loading coil to feed an 8 ft whip on the car. Yeah, I
know
> center and top loading is better, but bottom loading is possible ... what
I
> don't know is how to figure what inductance I need at the coil, and if I
> should use a capacitor as well to make the unit match and even radiate a
> bit.
>
> Can one of you antenna-inclined fella's shoot this full of holes?
>
> Thanks...
> Tracy N4LGH
>
>

Date: Tue, 27 Feb 2001 16:52:06 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: "Phinizy, William" <wphinizy@filenet.com>
Cc: QRP List <qrp-l@lehigh.edu>
Subject: [92803] Re: IC-22U: Shamefully OT
Message-ID: <Pine.OSF.4.21.0102271648590.1209-100000@saturn3.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have an Icom 24E for sale for \$80 + shipping. That's the european version of the 22U and it has been modified for U.S. operation.

It's in great shape, includes PL, original box/packing, photocopy of the manual/schematic, microphone. The DC plug is original but only has a few inches of wire on it.

73! =paul= W8KC

Collector of Ten*Tecs and other fine plastics.

Visit the Virtual Ten*Tec Museum at:

<http://www.acs.oakland.edu/~prvalko>

Date: Tue, 27 Feb 2001 13:56:02 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [92804] Re: RF burns function of where you grabbed!
Message-ID: <20010227215602.47930.qmail@web10014.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Bill Acito <w1pa@hotmail.com> wrote:
> and grabbed the end of the dipole at keydown 100W. Left a thin,
> 1.5"-long
> blister line across the heel and palm of my hand.

Was loading up a random wire antenna with my antenna tuner. Touched the metal switch that turned off the transmitt and got bit! Not as bad as yours but painfull all the same. I guess you aren't a real ham until you have a RF burn to prove it! 8-)

73!

jeff

=====

AB6MB

NorCal QRP Club #65, QRP-L #1780, ARCI 10071

Radical FIST Member 6798

Do You Yahoo!?
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<http://personal.mail.yahoo.com/>

Date: Tue, 27 Feb 2001 17:05:31 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>, ". NJ QRP-L" <njqrp@njqrp.org>, ". Eastern PA
QRP Club" <epaqrp-l@Lehigh.EDU>
Subject: [92805] Atlanticon Rooms
Message-ID: <007901c0a109\$673e7d20\$400d5cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Everyone,

I just called the hotel on Tuesday afternoon.

They still have a couple of rooms.

Don't procrastinate like I did or you might loose out on a room.

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
<http://www.n3epa.org>
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

EPA QRP #1	ARRL Life Member
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI QRP #153
VA QRP Society #45	MI QRP #1703
K2 sn1392	NJ QRP #179

Date: Tue, 27 Feb 2001 16:32:23 -0600
From: Paul Dryer <psdryer@ticnet.com>
To: fantbb@yahoo.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92806] Re: RF burns function of where you grabbed!
Message-ID: <3A9C2AF6.1DC40F3B@ticnet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Interesting thing about RF burns in my experience....the initial bite is not so bad.
The next mornrning my fingers ached all day long...like I'd hit them with a hammer.
paul kd5ivp, DeSoto, Texas

Jeff wrote:

> --- Bill Acito <w1pa@hotmail.com> wrote:
> > and grabbed the end of the dipole at keydown 100W. Left a thin,
> > 1.5"-long
> > blister line across the heal and palm of my hand.
>
> Was loading up a random wire antenna with my antenna tuner. Touched the
> metal switch that turned off the transmitt and got bit! Not as bad as
> yours but painfull all the same. I guess you aren't a real ham until
> you have a RF burn to prove it! 8-)
>
> 73!
>
> jeff
>
> =====
> AB6MB
> NorCal QRP Club #65, QRP-L #1780, ARCI 10071
> Radical FIST Member 6798
>
> -----
> Do You Yahoo!?
> Get email at your own domain with Yahoo! Mail.
> <http://personal.mail.yahoo.com/>

Date: Mon, 26 Feb 2001 18:23:59 -0800
From: paul taylor <ptay1@bestweb.net>
To: qrp-1@LEHIGH.edu
Subject: [92807] mfj 9020
Message-ID: <3.0.32.20010226182358.006987a4@pop.bestweb.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

For sale mfj 20m xcvr. no keyer, no filter. \$75.00
reduced for clearance

Date: Tue, 27 Feb 2001 18:31:28 -0500
From: Ron D Doyle <n8var@juno.com>
To: fpqrp-1@mpna.com, qrp-1@lehigh.edu, QFOX@egroups.com
Subject: [92808] FOX: Cub Fox Log February 26
Message-ID: <20010227.183137.-414883.10.n8var@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here is my first run at the log. I must have done pretty good because I was able to verify most of the calls. There was one that I didn't get complete even though I had all the other info.

The band started out pretty good and there was lots of sigs. I didn't feel like my concentration was all there because I seemed to have trouble pulling the calls out. I would send partials with ? and the exchange which seemed to work out ok. Fortunately the hounds would help out and clarify the call when I didn't get it right or complete.

There were some very strong sigs from IL, TX and OH. I also managed to get some long distance contacts from CA and AZ.

The second hour the band died out and sigs went away and I ended up begging for calls at the end. Such is life. I had a great time and really appreciate the efforts and patients of the hounds.

Time	Call	RST	SPC	Name	Pwr
2:02	kj0c	559	mo	jim	5w
2:03	kv4ee	559	sc	craig	5w
2:04	k4tjd	559	ga	tom	5w
2:07	k0evz	559	nd	doc	5w
2:09	kb9bvn	559	in	brian	5w
2:11	n4roa	559	va	dan	4w
2:13	af4ps	569	fl	mac	4w
2:15	k4gt	559	ga	jim	5w
2:15	w9wis	559	wi	mike	5w
2:17	w3pnl	579	pa	joe	3w
2:20	w9hl	579	il	randy	5w
2:21	no4d	559	sc	ken	5w
2:22	kc1fb	559	ct	jim	5w

2:24	nc9o	599	il	skip	2w	
2:27	kb1eof	559	md	murphy		100mw
2:30	w0ch	559	mo	dave	5w	
2:31	k9is	559	wi	steve	5w	
2:33	w8ymo	599	oh	harry	5w	
2:35	kk5ld	559	tx	dan	5w	
2:36	kb1ens	559	vt	john	5w	
2:37	n4vm	559	tn	bryn	5w	
2:38	w5yr	559	tx	george	5w	
2:41	ku4tn	559	va	jim	500mw	
2:45	kb9yig	569	in	tomy	2w	
2:47	ab5xq	559	ar	bill	5w	
2:49	aa7eq	559	az	bob	5w	
2:50	w6abc	559	ca	bob	5w	
2:53	w2xn	559	fl	fred	5w	
2:55	n1tp	559	fl	tom	5w	
2:56	ve3sp	569	ont	ron	5w	
2:58	ac5jh	559	ok	tom	5w	
3:01	wu9f	579	wi	terry	5w	
3:04	n5i??	559	ar	ken	5w	*
3:05	wb8wtu	599	oh	dennis		5w
3:06	ac5ii	539	ok	don	5w	
3:08	n9ww	579	il	jim	5w	
3:10	kc0gxx	559	ne	tom	3w	
3:11	k4byf	559	fl	jack	5w	
3:15	ke0ww	559	mn	john	5w	
3:17	k9iua	559	il	kevin	5w	
3:20	w3smk	559	nj	steve	500mw	
3:22	kr5c	559	tx	george	5w	
3:24	ad4s	599	ga	john	5w	
3:25	af4lq	579	ky	mike	5w	
3:27	wb9red	599	wi	ron	5w	
3:28	w3eru	559	md	wes	5w	
3:32	k5dw	559	tx	don	5w	
3:36	aa7xa	229	or	frank	5w	
3:39	kw4fgc	579	nc	ken	5w	
3:41	ki0ii	559	co	ron	5w	
3:46	n9hwc	559	il	tom	5w	
3:42	kr5n	559	tx	mark	5w	
3:49	wa7tqk	559	nd	bill	5w	
3:53	n5jba	559	ok	jim	5w	
3:56	wr5o	339	tx	dave	5w	
4:00	n0ln	559	co	leroy	5w	

Ron Doyle
n8var@arrl.net

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Date: Tue, 27 Feb 2001 17:35:04 -0600
From: Ken Brown <n4so@juno.com>
To: qrp-l@lehigh.edu
Subject: [92809] TechAmerica
Message-ID: <20010227.174533.4390.15.n4so@juno.com>

techamer.txt

Customer Service
TechAmerica 1-800-613-7080

www.radioshack.com

Ken Brown N4SO
Mobile, AL EM50tk
NorCal 20 at 5 watts
4 element mono. yagi
Elecraft K1 #260

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End of QRP-L Digest 2111

